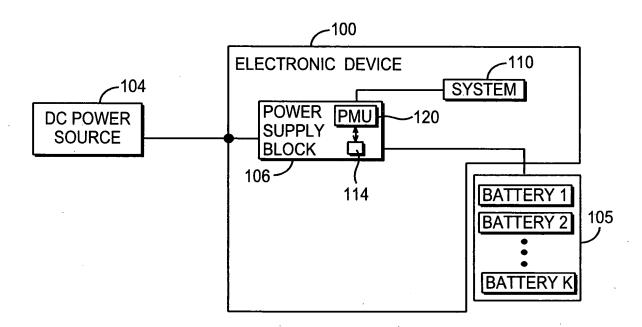
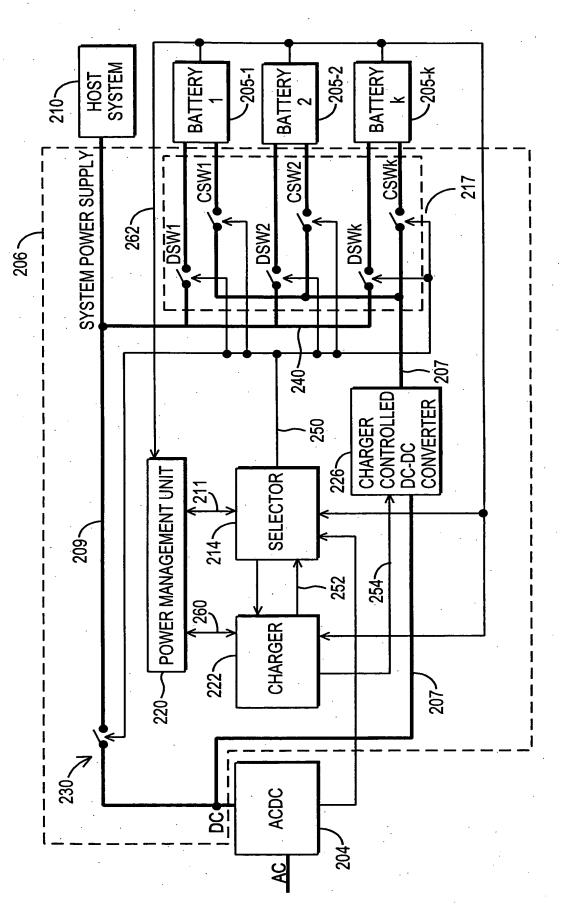


FIG. 1

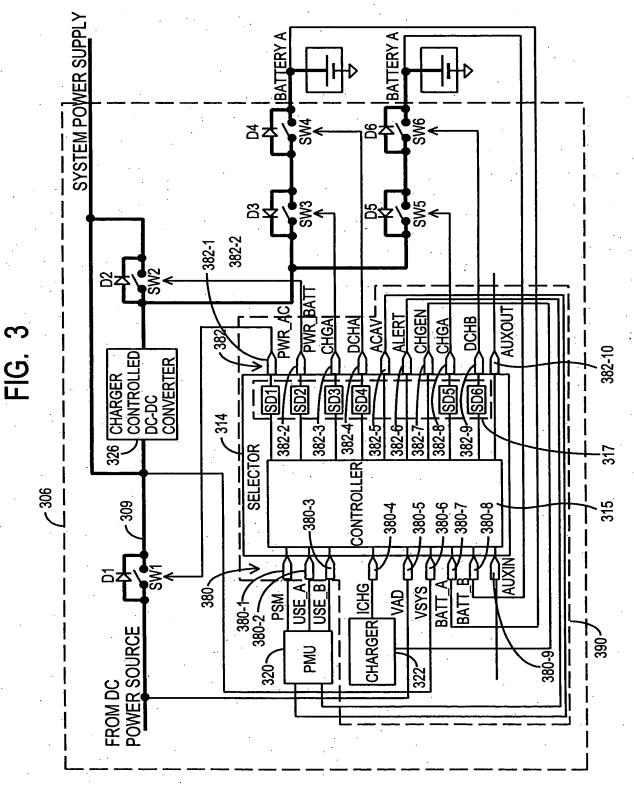




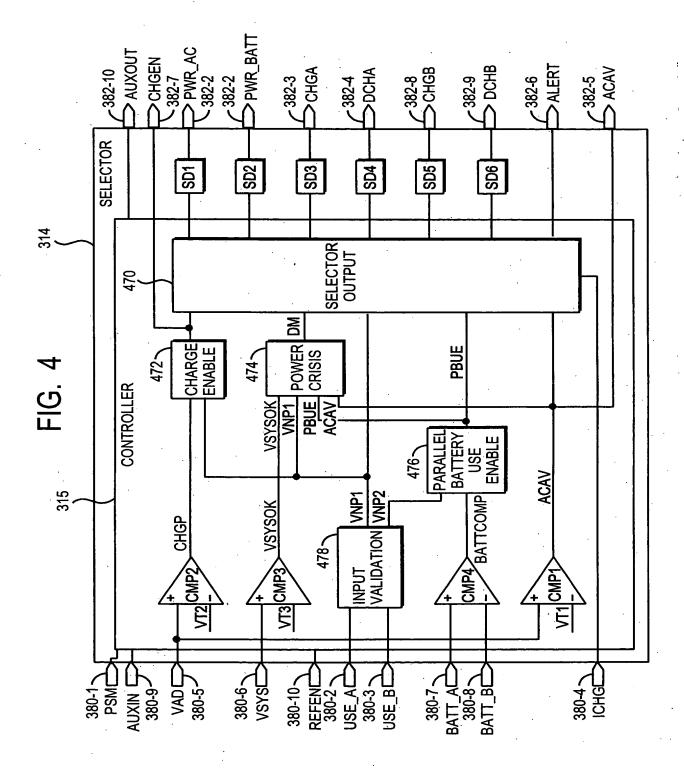












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7											
	USE SIGNAI INDICATE BATTERY A	IGNALS TE RY A	USE SIGNA INDICATE BATTERY B	JSE SIGNALS NDICATE SATTERY B		$\sim 10^{\circ}$	TERY A AND B	AND B			USE SIGNALS INDICATE NEITHER BATTERY A OR B
	502	504	206	208	510	512	514	516	518	520	522
SIGNAL STATES	<b></b>	<b>~</b>	<b>→</b>	<b>-</b>	<b>~</b> >	<b>~</b>	-	<b>~</b>	<b>~</b>	<b></b>	·
USE_A	MOI	MOJ	HGH	동	LOW	MOT	LOW	NO7	MOJ	LOW	HIGH
USE_B	HIGH	HIGH	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW	HIGH
LOWER VOLTAGE BATTERY	× ,	· ×	×	×	×	×	Ä	⋖	B	8	×
CHARGING CURRENT SIGNAL	LOW	HEH	LOW	HIGH	LOW	HGH.	LOW	HGH	MOJ	HIGH	MOT
VINP1	품	HGH	HGH	HGH	표	HGH		표	HGH	HGH	ROM
CHGEN	HGH	HGH	HGH		HGH	표	HGH	HGH	된	HGH	ROW
PBUE	NO LOW	MO_	NO7	LOW	플	플	<u></u>	NO I	LOW	LOW	LOW
SWITCH STATES		,					-				
SW1	NO	NO	NO	NO	NO	NO	NO	S	NO	No	NO
SW2	OFF	OFF	OFF	OFF	OFF	님	OFF	PFF	OFF	OFF	OFF
SW3	NO	NO	OFF	OFF	NO	NO O	NO	NO	OFF	OFF	OFF
SW4	H	NO	OFF	Ю	OFF	N O	OFF	S	OFF	OFF	OFF
SW5	PFF	OFF	NO	S	NO	NO	OFF	OFF	N O	NO	OFF
SW6	OFF	얦	OFF	NO	OFF	NO	OFF.	OFF	OFF	NO	OFF
	_	_		_						_	



## FIG. 6

00			
602	2 6	604 606	3 <u> </u>
	7	4	4
SUPPLY MODE	NBSSM1	NBSSM1	NBSSM2
TARGETED SUPPLY BATTERY	Α	В	A+B
VINP1	HIGH	HIGH	HIGH
VINP2	LOW	LOW	HIGH
BATTCOMP	Χ	Χ	HIGH
PBUE	LOW	LOW	HIGH
SW1	OFF	OFF	OFF
SW2	ON	ON	ON ·
SW3	ON	OFF	ON
SW4	ON	OFF	ON
SW5	OFF	ON	ON
SW6	OFF	ON	ON

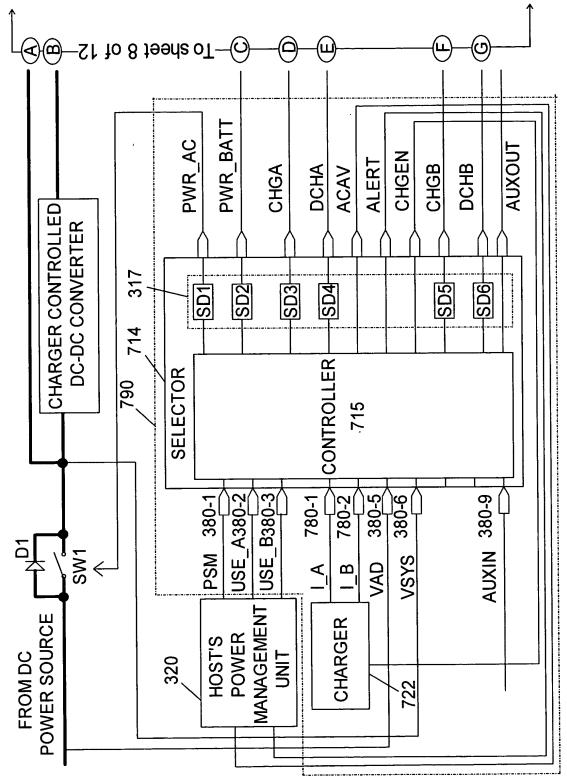
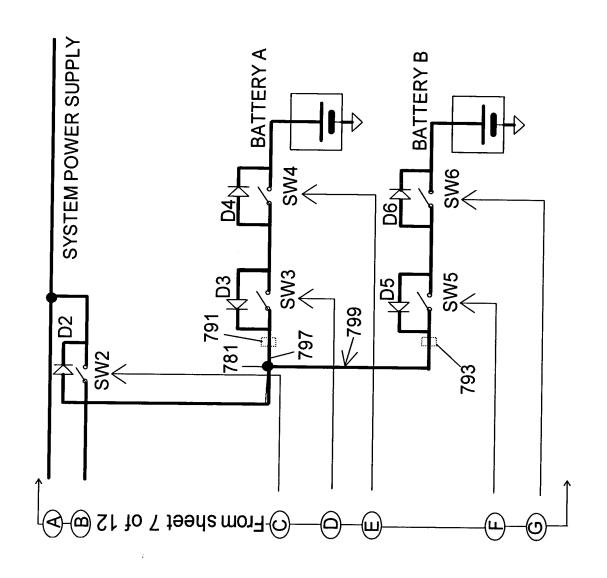
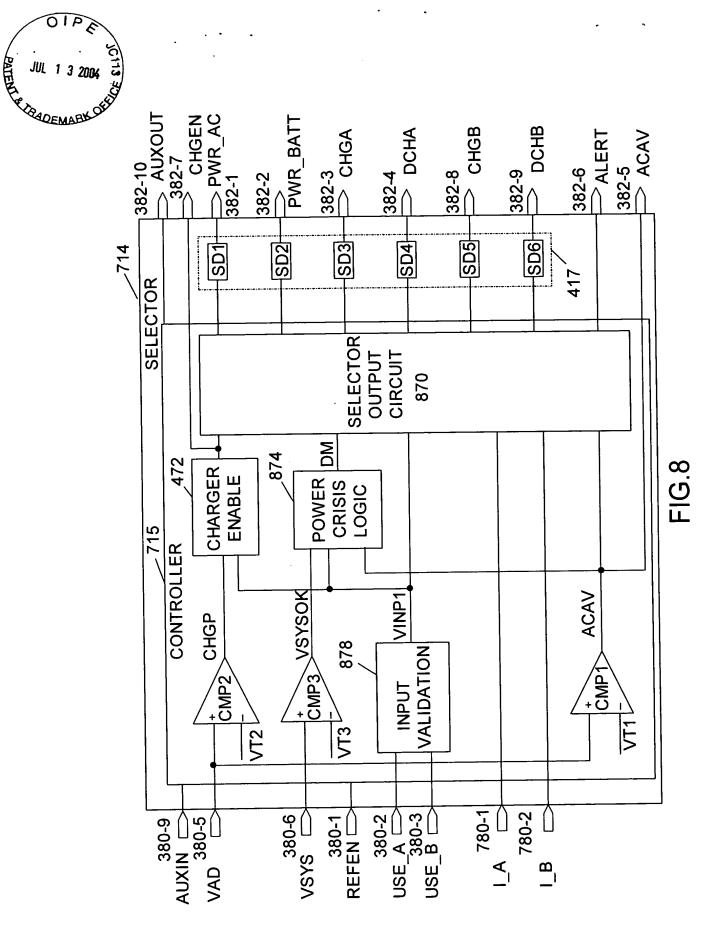


FIG. 7



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USE signals indicate neither Battery A or Battery B	018	010 4011	11gm	ngn -	LOW	LOW	LOW	Low		NO	OFF	OFF	OFF		5	0FF	
allel	916	20		E LOW	Light Agil		ußiL :	Hg.		8	냰	NO	2	5 6	5	NO	
dicate Be B in par	914	NO.	***	) - C	E E	1011		Hgh Ligh		8	OFF	NO	140	5 2	5 6	8	
JSE signals indicate Battery A and Battery B in parallel	912	MO	NO.	High	30	E 15	<u> </u>	High		S	OFF	8	NO.	200	5 2	占	
USEs	910	Low	NO	NO.	NO.	E E	- 1 - 1	ugir.		5	OFF	NO	OFF.	2	2 2	7	
JSE signals indicate Battery B	806	High	MO	Low	High	Hinh	- 45. - 12. - 12.	lg L	3	5	OFF	OFF.	OFF	NC.	5 6	5	FIG.9
USE indi	906	High	Low	Low	Low	High	High	5	2	5	9FF	OFF	OFF	8	250		
USE signals indicate Battery A	904	Low	High	High	Low	High	High Fig.	- B	Z	5 5	ᇂ	8	NO	붠	110	5	
USE (	902	Low	High	Low	Low	High	Ŧie	5	20	<u>.</u>	5	S	OFF	OFF	140	5	
	Signal States	USE_A	USE_B	Battery A current signal	Battery B current signal	VINP1	CHGEN	Switch States	SW1	CIVIS	CMS	SWS	SW4	SW5	SW6		

FIG. 10

